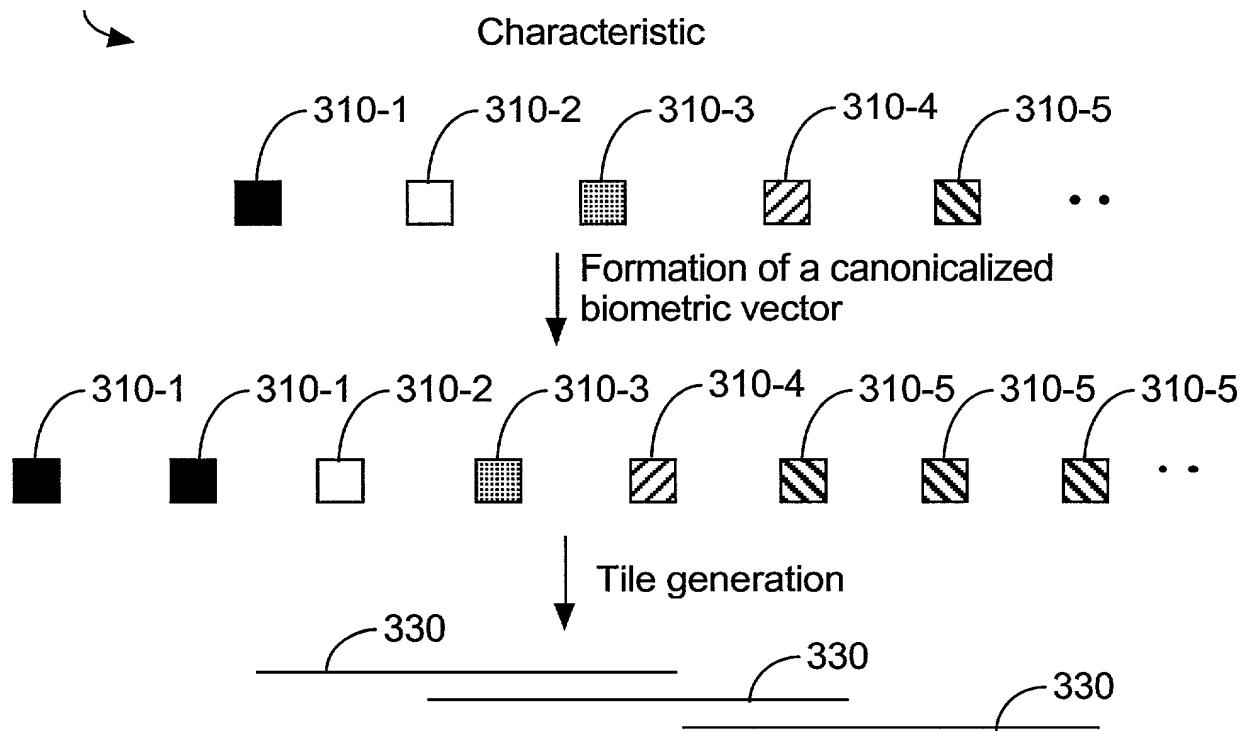


FIG. 1

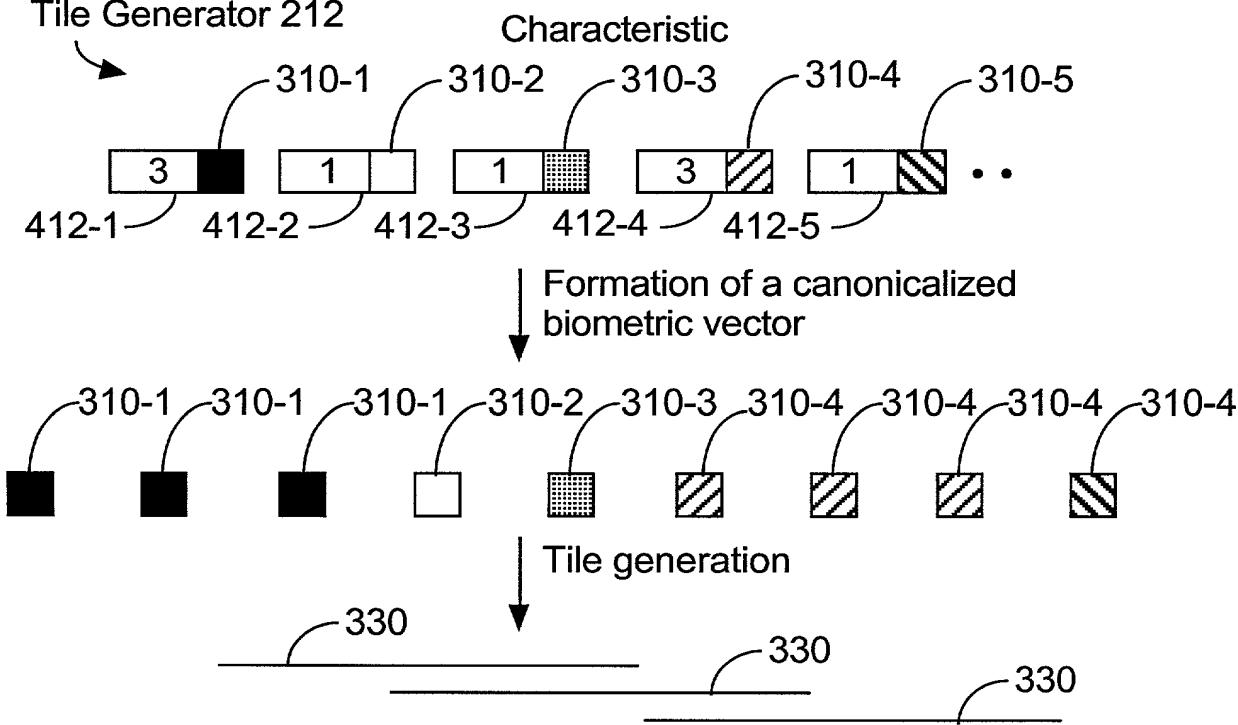
Application Module	~ 132
Characteristic Processor	~ 210
Tile Generator	~ 212
Assignment Module	~ 214
Selection Module	~ 216
Partitioning Module	~ 218
Match Detection Module	~ 220
Biometric Feature Vector Database	~ 230
Target Feature Vector 1	~ 222-1
Target Feature Vector 2	~ 222-2
⋮	⋮
Target Feature Hash Table (see Fig. 11)	~ 1100
Count Hash Table (see Fig. 12)	~ 1200

FIG. 2

Tile Generator 212

**FIG. 3**

Tile Generator 212

**FIG. 4**

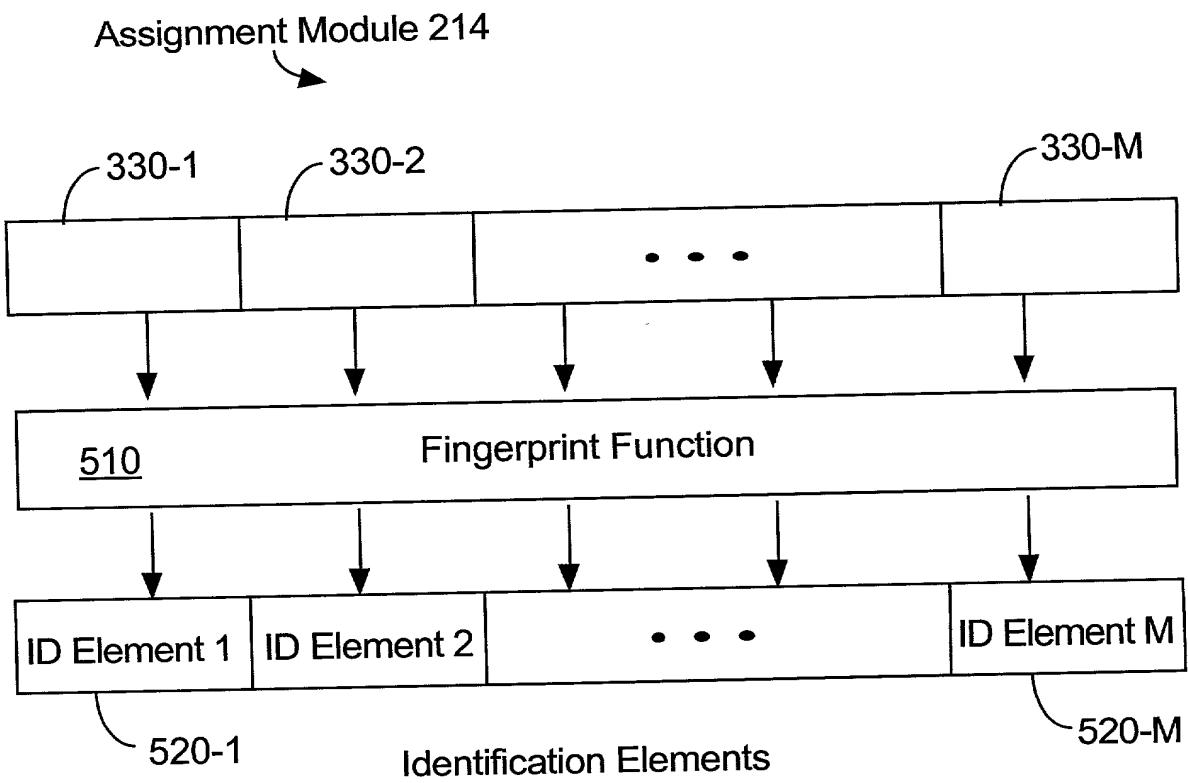


FIG. 5

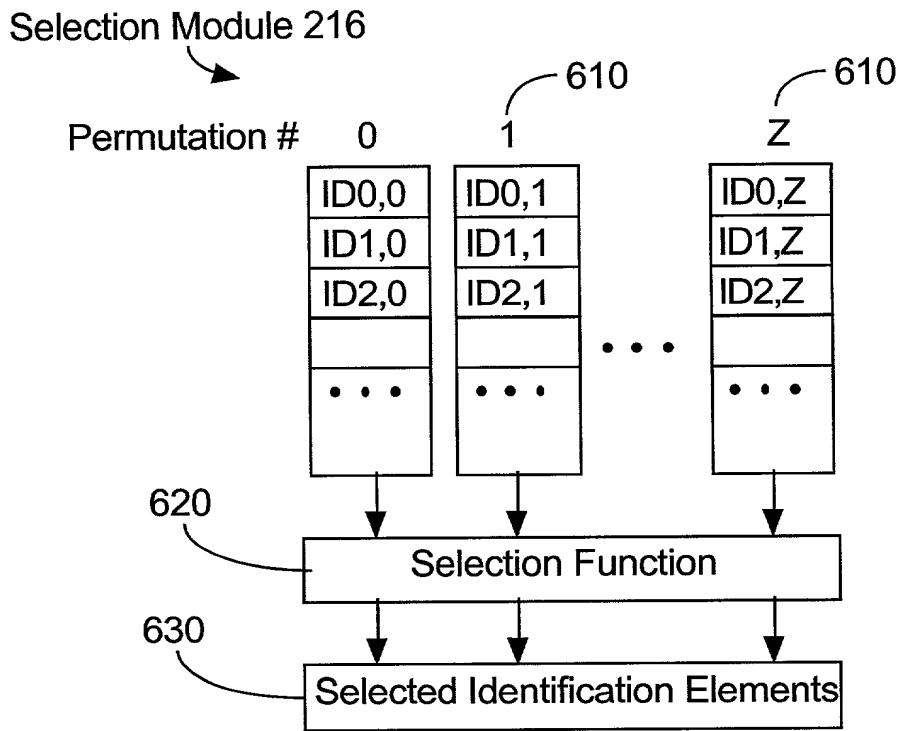


FIG. 6

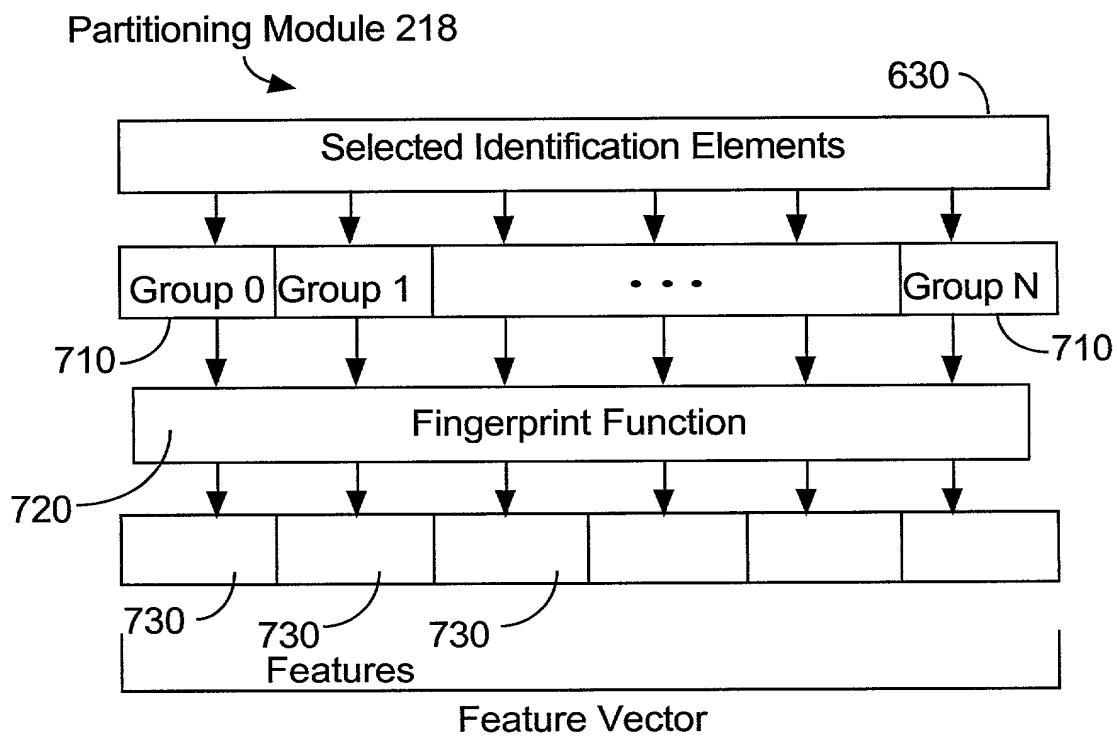


FIG. 7

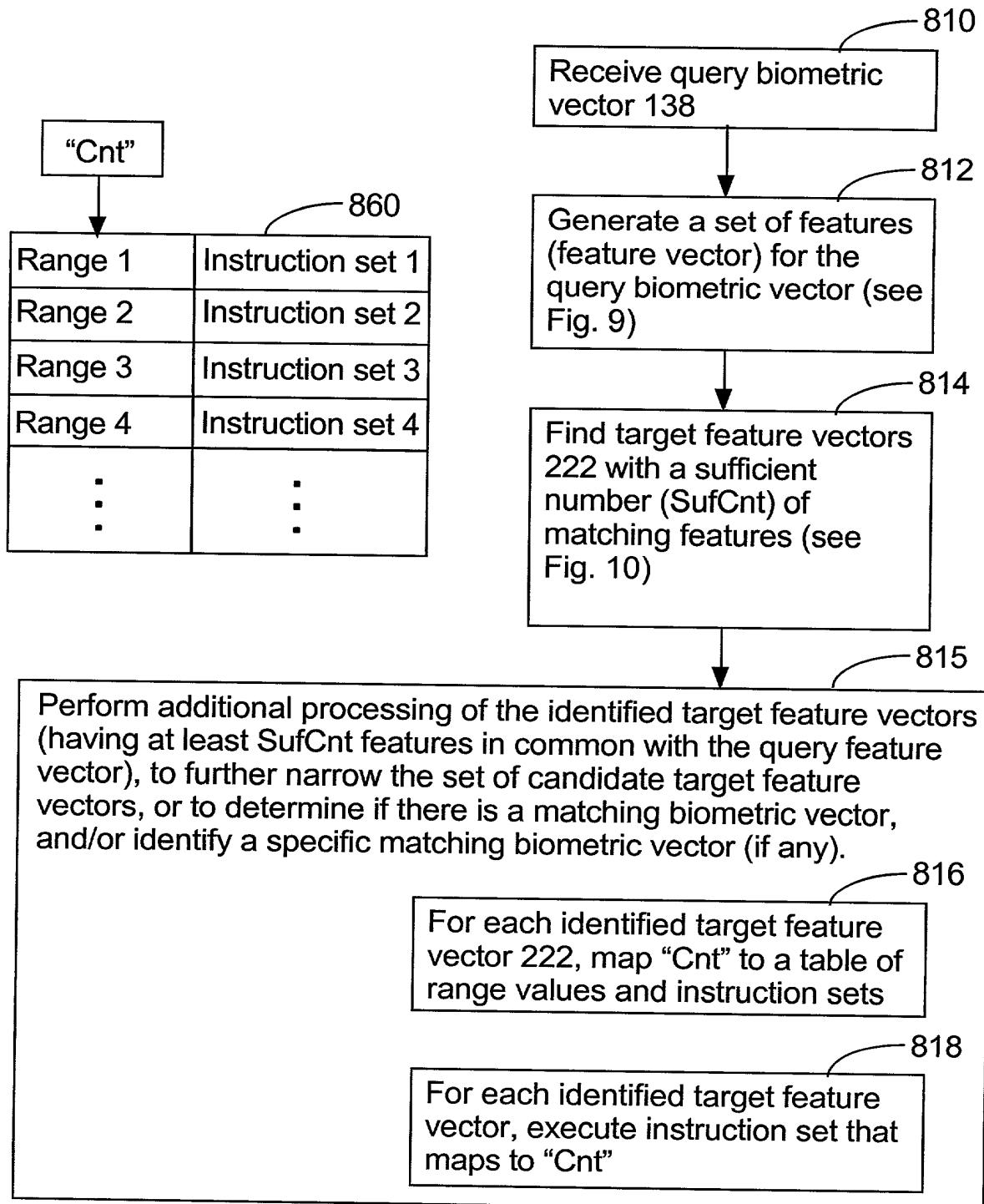


FIG. 8

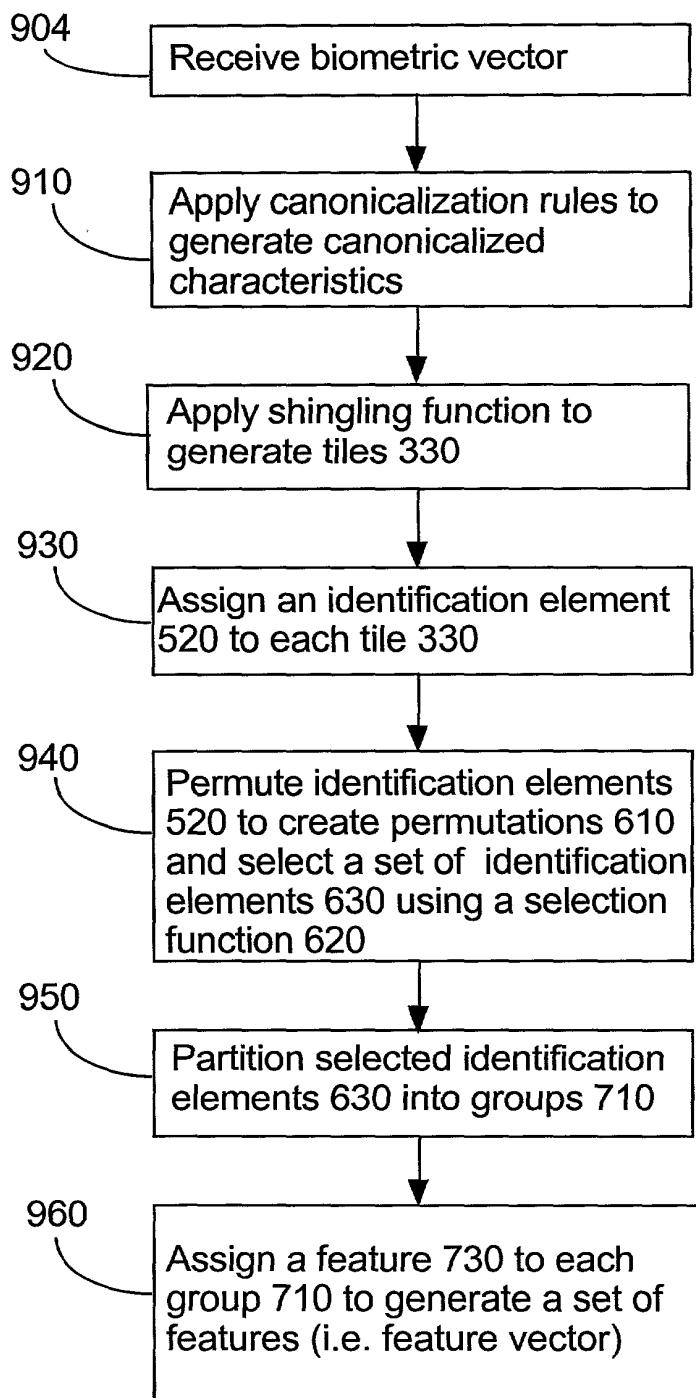
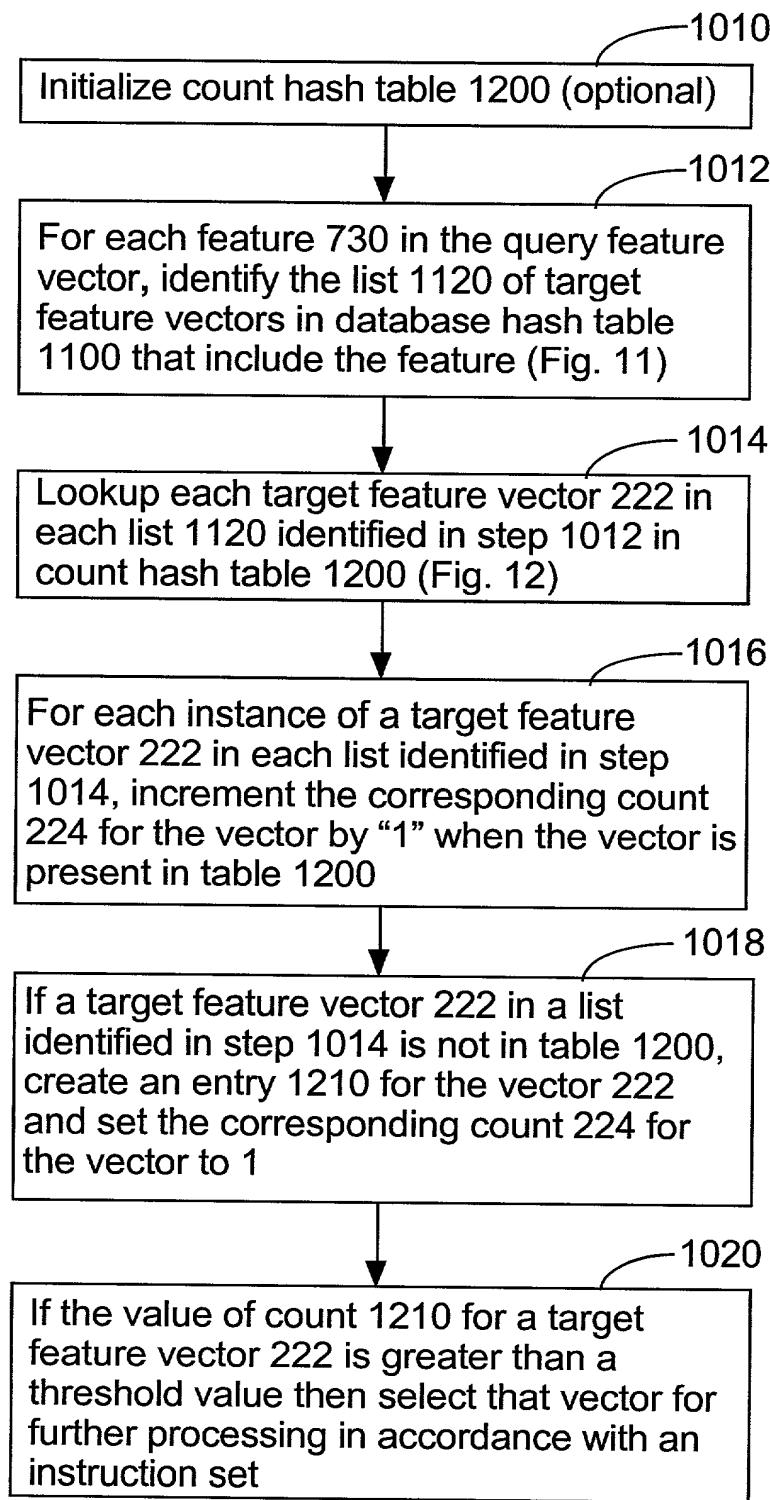


FIG. 9

**FIG. 10**

Feature (F) from query feature vector (or from a target feature vector to be added to the database hash table)

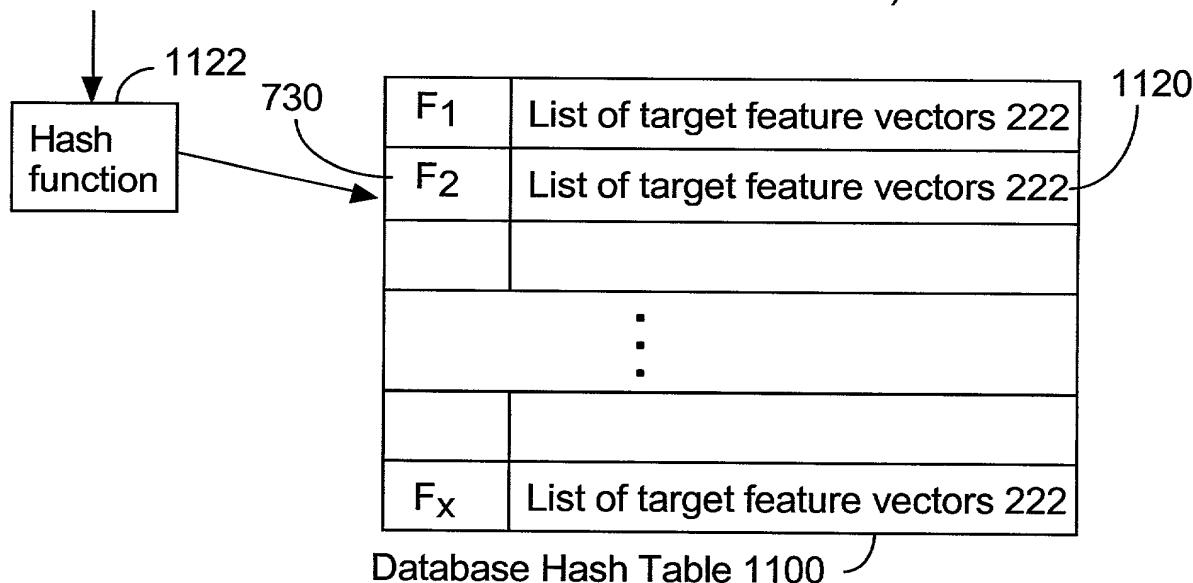


FIG. 11

Target feature vector
from identified list 1120

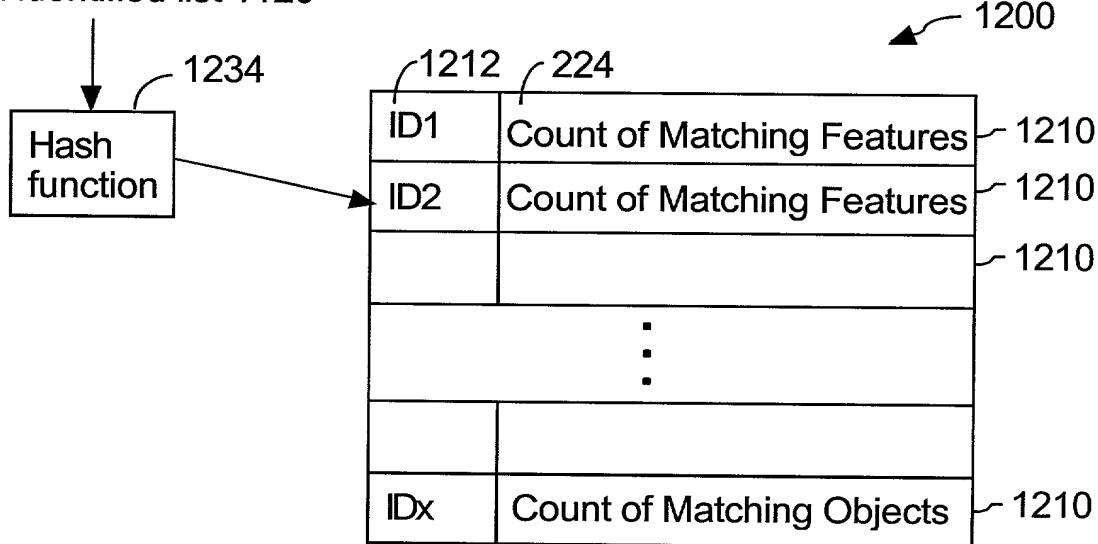


FIG. 12